SOLE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter that is claimed and for which a patent is sought on the invention entitled

METHODS AND APPARATUS SUPPORTING ADAPTIVE BANDWIDTH MANAGEMENT

tne spe	ecification of which	(check one)				
[X]	is attached hereto) .				
[]	was filed on	as	United States Application Seri	al No.:		_
	and was amended	on no b	(if applicable).			
specifi	I hereby state tha cation, including the	t I have reviewe e claims, as am	ed and understand the contents ended by any amendment refe	s of the above-i	dentified	
patent	I acknowledge the ability as defined in	e duty to disclos 37 C.F.R. §1.5	se information which is known b 6.	y me to be ma	terial to	
identifi	ation(s) for patent o lated at least one co led below, by check nternational applicat	r inventor's cert ountry other tha ing the box, any	nefits under 35 U.S.C. 119(a)-(o tificate or 365(a) of any PCT int in the United States of America y foreign application for patent ing date before that of the appli	ernational appl , listed below a or inventor's co	ication want ind have	vhich also
		<u>P</u> 1	rior Foreign Application(s)	Priority Not Claimed	Сору	Filed?
(Numb	per)	(Country)	(Day/Month/Year filed)	[]	[]	[]
(Numb	per)	(Country)	(Day/Month/Year filed)			
(Numb	per)	(Country)	(Day/Month/Year filed)	[]	[]	[]
l hereb below.	by claim the benefit	under 35 U.S.C	C. §119(e) of any United States	provisional app	olication(s) listed
(Applic	cation Number)		(Filing Date)			
(Applic	cation Number)		(Filing Date)			

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

of Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, Massachusetts 01581 and

of Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054.

I also hereby grant additional Powers of Attorney to all of the above-identified attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

Please send correspo	ndence to: Barry W. C	Chapin, Esq.
Chapin & Huang, L.L.	C., Westborough Office Park,	1700 West Park Drive, Westborough, MA 01581
Direct telephone calls	to: Barry W. Chapin, E	Esq. Telephone No.: 508-366-9600
Direct facsimiles to: _	Barry W. Chapin, Esq.	Facsimile No.: 508-616-9805

Attorney Docket No.: SUN04-03(040699)

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

John Kent Peacock		
John Kent cacade	Date	March 9, 2004
364 O'Connor Street, Menlo Park, CA 94025		
United States of America		
Same as above		
	John Lewis Cacada 364 O'Connor Street, Menlo Park, CA 94025 United States of America	John Lew Pacade Date 964 O'Connor Street, Menlo Park, CA 94025 United States of America